BRUHAT BANGALORE MAHANAGARA PALIKE

Yelahanka Zone, Electrical Division

Office of the Executive Engineer
Electrical Division, Yelahanka Zone
Bruhath Bengaluru Mahanagara Palike

"Schedule B"

Name of Work:- Providing Control Lines Control boxes and switches No-11 Kuvempunagara.

Sl. No	Qty	Description Of Work	Unit	Quoted Rates	
				In figures	In words
1	10	Supply and erection of .....Mtr RCC Pole including earth work etc,. complete as per the standard technical specification of BESCOM 9Mtr 145Kg WL	Nos	6262.62	Rupees Six Thousand Two Hundred Sixty Two And Paise Sixty Two
2	42	Supply and Installation / Fixing / Provision of Pole box with HRC Fuse / MCB provision and suitable connector / terminal for 3 Ph / 1 Ph connections with Loop-In & Loop-Out terminals for 10 Sqmm / 25 Sqmm 3.5 C Al/Ar / Cu/Ar Cable and branch out 2.5 Sqmm 2 core Al/Cu PVC Insulated cable, enclosed in a Thermoplastic, Polystyrene enclosure, which should be shock proof, safe, IP65(Weather Proof), rust proof, dust proof, water proof having Internally Embedded Gasket with provision for cable entry through IP65 Thermoplastic, polyamide glands and/or grommets.200mmx200mmx98mm	Nos	1698.84	Rupees One Thousand Six Hundred Ninety Eight And Paise Eighty Four Only
3	42	Supplying and fixing Moulded Case Circuit Breaker (MCCB) over the existing wood/panel board using necessary screws, bolts, nuts and wiring complete. Protection of Overload and Short circuit with thermal Magnetic/Micro processor release and Earth Fault as per IS-13947. (Icu = Ics) THREE POLE 100Amps25kA.	Nos	3154.32	Rupees Three Thousand One Hundred Fifty Four And Paise Thirty Two Only
4	120	Supplying tinned copper lugs and crimping and wiring to terminal point for wire of the following sizes.25 sqmm Long Barrel	Nos	16.06	Rupees Sixteen And Paise Six Only
5	50	Supplying and fixing angle iron frame work fabricated out of M.S angle iron... and M.S. flat... with bolts, washers etc., and painted with 2 coats of red oxide and then two coats of approved paint. a)50X50X6 mm	Mtrs	205.14	Rupees Two Hundred Five And Paise Fourteen Only
6	4500	Supplying and stringing of ACSR Conductor (6/2.59mm Al +1/2.59mm Steel).	Mtrs	23.40	Rupees Twenty Three And Paise Forty Only
7	82	1.1 KV Pin Insulator	Nos	34.32	Rupees Thirty Four And Paise Thirty Two Only
8	65	No. 8 Strain Insulator	Nos	10.92	Rupees Ten And Paise Ninety Two Only
9	120	2 Pin 45x45x5mm -510mm	Nos	238.68	Rupees Two Hundred Thirty Eight And Paise Sixty Eight Only
10	950	Supplay and Laying of 1.1KV Class HR (Heat Resistant) PVC Insulated & UnSheathed Aluminium Wires Multistrand Single core Lead wires as per IS694: 2010 PVC Wire - 25 Sqmm Al Wt: 6.7 Kgs, Total Wt: 11.5Kgs for 100Mtrs	Per Mtr	25.20	Rupees Twenty Five And Paise Twenty Only
11	340	Supplying heavy gauge PVC conduit pipe .....dia .....mm thick confirming to IS 2509 with suitable size bends, junction boxes, adhesive paste etc., and fixing using inverted wood plugs in case of RCC ceiling and RCC wall / stone structure or rawl plugs in case of brick walls and cement plastering the damaged portion using heavy gauge saddles at an interval of 700mm using NF screws.25mm dia 2mm thick	Per Mtr	54.60	Rupees Fifty Four And Paise Sixty Only

12	8	**Thiristor based single/ Three phase smart street light control and monitoring system** Remotely control and and monitorable smart street light system by using web or mobile application .smart control system has hardware ruggedness over field issues like line cross, line short, lighting and any other irregularities in voltage. It has some features like 1.Remote lighting management.2.Precise lighting turnoff.3.Load ballancing.4.Load power regulation.5.Status tracking. It works on the basis of some of these features 1) Main Control Unit (Mother board) : Handles controlling , data handling and other communication process. 2) Communication unit: GSM/GPRS quad bandwith RS232 interface wireless communication unit 3) Gate Driver Unit: Firing angle controllable board for driving the thyristor 4) Switching Thyristor: SCR 110 AMPS dual thyristor modules for switching 5) Embedded Firmware: Firmware to control , handle , process the data and communicate it wirelessly. 6) Metal Enclosure : IP66 weather prof metal enclosure. 7) Transformers: Customized step down transformers for various purposes.8) Wiring and other device assembly components.	Nos	40170.00	Rupees Forty Thousand One Hundred Seventy Only

I am prepared to take up the above work at rates quoted in the Schedule 'B'

For Sri Chowdeshwari Electrical

Contractor
Proprietor

EXECUTIVE ENGINEER (ELEC)
BBMP, Yelahanka Zone